Pioneer

OVERVIEW

Like DVD technology, Blu-ray Disc (BD) technology uses Region Codes to protect distributed content such as Hollywood movies from unauthorized copying. The DVD Forum established eight (8) regions for worldwide DVD distribution while the Blu-ray Disc Association (BDA) reduced that number to three (3) regions worldwide. The United States and Canada are in BD Region A.

Although changing the DVD region code is possible through the Microsoft® Windows® Operating Systems, changing a Blu-ray Disc drive's BD region code requires a software application. The Pioneer BDC-2202 ships with an application called *Corel® WinDVD® 8* that includes a command to change the BD as well as the DVD region settings.

Please remember that DVD Regions and BD Regions are set separately; the DVD Region Code can be changed five (5) times and the BD Region Code can be changed five (5) times. For ease of use, the *WinDVD 8* application is capable of setting the region for DVD Titles as well as BD Titles.

Example of Region Code changing limits:

BD Region Code Setting	
Change #	**Drive's Region Code**
initial	Region A
1	Region B
2	Region A
3	Region C
4	Region A
5	Region B
6	**locked at Change # 5**

DVD Region Code Setting	
Change #	**Drive's Region Code**
initial	Region 1
1	Region 4
2	Region 2
3	Region 1
4	Region 7
5	Region 2
6	**locked at Change # 5**

The two media types (DVD and BD) allow up to five (5) changes each before locking the region on the fifth successful Region Code change for that media type.

TECHNICAL DETAILS

The BD region is set via a BD playback application rather than through the Operating System (OS). To change the BD region for the BDC-2202 drive, follow the steps below.

1) Install the Pioneer BDC-2202 and the Corel WinDVD 8 application in the computer (PC) if not already installed (r*efer to the operating instructions included with the drive for assistance).*

2) Power on the PC and let the system completely boot up before continuing.

3) Double-click the **Corel WinDVD 8** application icon to launch the program.

4) Press the **Eject** button of the BDC-2202 drive and leave the tray open.

5) Right-click in the WinDVD 8 window to access the menu.

6) Choose **Setup** from the menu.

7) Click on the **Region** tab from the Setup menu.

8) Verify that the Current Region drop-down has **BD Title** listed rather than DVD Title.

9) Select the desired Region Code.

10) Click on the **OK** button to change the Region Code.

11) Close the WinDVD 8 application.

12) Place a BD disc which matches the newly assigned Region Code on the drive tray.

13) Close the tray and enjoy the movie.

Use the same application and process to change the DVD Region Code. Follow the steps below to change the DVD Region Code for the BDC-2202 drive:

1) Power up the PC with the BDC-2202 and WinDVD 8 already installed.

2) Allow the PC to completely boot up before continuing.

3) Double-click the **Corel WinDVD 8** application icon to launch the program.

4) Press the **Eject** button of the BDC-2202 drive and leave the tray open.

5) Right-click in the WinDVD 8 window to access the menu.

6) Choose **Setup** from the menu.

7) Click on the **Region** tab from the Setup menu.

8) Verify that the Current Region drop-down has **DVD Title** listed rather than BD Title.

9) Select the desired Region Code.

10) Click on the **OK** button to change the Region Code.

11) Close the WinDVD 8 application.

12) Place a DVD disc which matches the newly assigned Region Code on the drive tray.

13) Close the tray and enjoy the movie.

ADDITIONAL INFORMATION

The region codes and main countries assigned to them are listed in the WinDVD software as you scroll through them to make your choice. As mentioned above the United States is Region Code "A".

For a complete list of the Blu-ray Disc (BD) Region codes please visit the Blu-ray Disc Association website: **http://www.blu-raydisc.com/**

For additional assistance with your Pioneer drive please contact your Pioneer representative or refer to the website: **www.pioneerelectronics.com**